

Solicitations (Issue 187)
3/14/09

Greetings – Here is Issue 187. Between the passage of the FY09 Federal Appropriations Bill and the American Recovery and Reinvestment Act (ARRA) of 2009 (aka the Stimulus Bill), this issue is a long one. Here's to protecting the environment and retaining and creating lots of green jobs!

The RFPs that (I noted) were created or were supplemented as a result of ARRA funding are identified in the RFP titles. Note that ARRA RFPs include requirements such as “preserves and creates jobs,” “provides economic benefits,” and “can be expedited,” etc. In the interests of brevity, I generally did not include these statements in the individual RFP summaries.

The ARRA homepage has a great list of Federal Agency Recovery websites. It's at: <http://www.recovery.gov/?q=content/agencies>. Additionally, the Office of Management and Budget's first set of guidance on the implementation of the ARRA is posted at: <http://www.recovery.gov/?q=content/omb-releases-detailed-recovery-act-guidance-agencies>.

A huge thanks to the Washington State University Extension Energy Program for distributing these newsletters through their listserv. WSU has provided this service to funding newsletter subscribers for over 11 years.

Please pass this newsletter on to those contacts in your state, region, or elsewhere who you think may be interested.

If anyone you know would like to sign up to receive these funding newsletters, follow the subscription instructions at the bottom of this email, or send a subscription request to laurie.e.brown@comcast.net. Include subscriber's email address in the body of the message.

If you would like to announce an RFP in one of these newsletters, forward a summary to me at the email address listed above.

There are 60 funding notices included in this issue.

1) Clean and Efficient Transit Investments - ARRA

The U.S Department of Transportation requests proposals for Recovery Act Transit Investments for Greenhouse Gas and Energy Reduction. Through this initiative, DOT will provide grants to public transit agencies for capital investments that will assist in reducing the energy consumption or greenhouse gas emissions of their public transit agencies. \$100 million expected to be available, up to 30 awards anticipated. Responses due 3/10/10. For more info, contact FTA-TIGGER@dot.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45906>. Refer to Sol# FTA-09005-TIGGER-TRI. (Grants.gov 3/10/09)

2) Clean Cities Petroleum Reduction – ARRA

The U.S. Department of Energy requests proposals for Clean Cities FY09 Petroleum Reduction Technologies Projects for the Transportation Sector. Through this initiative, DOE seeks projects that expand the use of alternative fueled vehicles and advanced technology vehicles. The installation or acquisition of infrastructure to support alt fuel or advanced technology vehicles is also eligible. Lead applicants must be a designated Clean Cities Coalition. \$300 million expected to be available, up to 30 awards anticipated. Responses due 5/29/09 and 9/30/09. For more info, contact Janet Laukaitis at Janet.Laukaitis@netl.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/5d310d2fcd6c9ed85256d090050e43a/9fef7404bacf12f8525757400701afe?OpenDocument>. Refer to Sol# DE-PS26-09NT01236-04. (Grants.gov 2/25/09)

3) National Clean Diesel Program - ARRA

The U.S. Environmental Protection Agency announces its intent to request proposals for the American Recovery and Reinvestment Act Funding for the National Clean Diesel Funding Assistance Program. This program will support implementation of verified and certified diesel emission reduction technologies that achieve significant reductions in diesel emissions in terms of tons of pollution produced and diesel emissions exposure. \$156 million expected to be available, up to 150 awards anticipated. The RFP will be posted on or about 3/17/09 and will close 4/27/09. For more info, contact cleandiesel@epa.gov or go to: <http://epa.gov/otaq/eparecovery/prognational.htm>. Refer to Sol# EPA-ARRA-OAR-OTAQ-09-06. (Grants.gov 3/10/09)

4) Clean Diesel Emerging Technologies Program - ARRA

The U.S. Environmental Protection Agency announces its intent to request proposals for the American Recovery and Reinvestment Act Funding for Clean Diesel Emerging Technologies Program. This program will support projects that reduce diesel emissions through the use, development and commercialization of emerging technologies. \$20 million expected to be available, up to 20 awards anticipated. The RFP will be posted on or about 3/17/09, and will close 5/4/09. For more info, contact cleandiesel@epa.gov or go to: <http://epa.gov/otaq/eparecovery/progmerge.htm>. Refer to Sol# EPA-ARRA-OAR-OTAQ-09-05. (Grants.gov 3/6/09)

5) SmartWay Clean Diesel Finance Program - ARRA

The U.S. Environmental Protection Agency announces its intent to request proposals for the American Recovery and Reinvestment Act Funding for the SmartWay Clean Diesel Finance Program. This program will support projects that reduce diesel emissions through the creation of national, state or local innovative financing program(s). Innovative financial projects include, but are not limited to, those where the loan recipient receives a unique financial incentive for the purchase or of retrofitted vehicles or equipment. \$30 million expected to be available, up to 10 awards anticipated. The RFP will be posted on or about 3/17/09, and will close 4/27/09. For more info, contact cleandiesel@epa.gov or go to: <http://epa.gov/otaq/eparecovery/progfinance.htm>. Refer to Sol# EPA-ARRA-OAR-OTAQ-09-04. (Grants.gov 3/6/09)

6) Tribal Transit Program - ARRA

The U.S Department of Transportation requests proposals for the Recovery Act Tribal Transit Program. Through this program, DOT will provide grants to federally recognized Indian Tribes for public transportation capital projects for use in public transportation. \$17 million expected to be available. Responses due 3/10/10. For more info, contact Lorna Wilson at

lorna.wilson@dot.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45903>. Refer to Sol# FTA-09004-TPM-TRTR. (Grants.gov 3/10/09)

7) Technical Analysis for Clean Vehicle Program - California

The California Energy Commission requests proposals for Technical Analysis for the Alternative & Renewable Fuel & Vehicle Technology Program. Prospective bidders are encouraged to develop a team approach to the diverse work activities described in the technical tasks. Up to \$750K expected to be available. Responses due 4/23/09. For more info, contact Sherri Bower at sbower@energy.state.ca.us or go to: <http://www.energy.ca.gov/contracts/transportation.html>. Refer to Sol# 600-08-601.

8) Technical Assistance for Clean Vehicle Program - California

The California Energy Commission requests proposals for Technical Assistance for Alternative & Renewable Fuel & Vehicle Technology Program. The purpose of this RFQ is to select a contractor to provide engineering and technical support services to the Energy Commission for evaluating the technical merits of proposals submitted for funding under the Program. \$400K expected to be available. Responses due 4/1/09. For more info, go to: <http://www.energy.ca.gov/contracts/transportation.html>. Refer to RFQ #600-08-602.

9) Hydrogen Sensor Technologies

The U.S. Department of Energy requests proposals for Research and Development of Hydrogen Sensor Technologies, for projects that will lead to the development of cost-competitive, durable and safe hydrogen and fuel cell systems. The overall goal of this RFP is to develop low-cost sensor technologies that can be directly integrated with hydrogen systems and are resistant to contaminants. \$2.5 million expected to be available, up to 3 awards anticipated. Responses due 4/30/09. For more info, contact Yolanda C Ramirez at h2sensors@go.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/422B208A9600A5F685257574007E9B62?OpenDocument>. Refer to Sol# DE-PS36-09GO99004. (Grants.gov 3/9/09)

10) Hydrogen Combustion in a Garage

The National Institute of Standards and Technology requests quotes to perform Hydrogen Release & Combustion Measurements in a real-scale garage. Responses due 3/23/09. For more info, contact Jennifer Lohmeier at jennifer.lohmeier@nist.gov or go to: https://www.fbo.gov/index?s=opportunity&mode=form&id=f700de130a788e8c4b926ad5bba65516&tab=core&_cvview=0&cck=1&au=&cck=. Refer to Sol# SB1341-09-RQ-0134. (FBO 3/15/09)

11) Smart Grid Information Clearinghouse

The U.S. Department of Energy requests proposals for the Smart Grid Information Clearinghouse, for work to develop, populate, manage, and maintain a Smart Grid Information Clearinghouse website. The Clearinghouse is envisioned as the first-stop shop for public Smart Grid information. \$1.25 million expected to be available, 1 award anticipated. Responses due 4/6/09. For more info, contact Janet Spaulding at Janet.spaulding@netl.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45833>. Refer to Sol# DE-FOA-0000020. (Grants.gov 3/6/09)

12) Smart Grid - California

The California Energy Commission requests proposals for Defining the Pathway to the California Smart Grid of 2020, to conduct Smart Grid research. Through this RFP, the CEC anticipates one award to a team with a utility perspective, another award to a team with a technology vendor or manufacturer perspective. \$1 million expected to be available. Responses due 4/30/09. For more info, contact Tammy Parkison at tparkiso@energy.state.ca.us or go to: http://www.energy.ca.gov/contracts/RFP_500-08-502/. Refer to Sol# 500-08-502.

13) State Energy Program Formula Grants - ARRA

The U.S. Department of Energy requests proposals for the State Energy Program Formula Grant. SEP goals include, but are not limited to, increasing energy efficiency, reducing reliance on imported energy, improving power reliability, and reducing the impacts of energy production on the environment. Lead applicants must be State, Territorial and D.C. Energy Offices that administer the SEP. \$3.1 billion is expected to be available, 56 awards anticipated. Pre-applications due 3/23/09, final proposals due 5/12/09. For more info, contact Sheldon Funk at sheldon.funk@netl.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45986>. Refer to Sol# DE-FOA-000052. (Grants.gov 3/12/09)

14) Weatherization Formula Grants - ARRA

The U.S. Department of Energy requests proposals for the Weatherization Assistance Program Formula Grant. The purpose of WAP is to increase the energy efficiency of dwellings owned or occupied by low-income persons, reduce their total residential expenditures, and improve their health and safety. Lead applicants must be States, Territories, Puerto Rico, and D.C. Energy Offices that administer the WAP. \$5 billion expected to be available, 59 awards anticipated. Pre-applications due 3/23/09, final proposals due 5/12/09. For more info, contact Amanda Lopez at Amanda.Lopez@netl.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45988>. Refer to Sol# DE-FOA-000051. (Grants.gov 3/12/09)

15) Tribal Land Feasibility Studies for Efficiency and Renewables

The U.S. Department of Energy requests proposals for Assessing the Feasibility of Renewable Energy Development and Energy Efficiency Deployment on Tribal Lands. Through this initiative, DOE will support feasibility studies in these areas: 1) Implementation of building efficiency measures, including energy efficiency improvements and renewable energy systems for heating or cooling loads, and 2) Development of economically sustainable renewable energy installations. The lead applicant must be an Indian Tribe, Alaska Native villages, Alaska Regional Corporation, Tribal Energy Resource Development Organization, or Tribal Consortia. \$1 million expected to be available, up to 4 awards anticipated. Responses due 4/16/09. For more info, contact Pamela Brodie at pamela.brodie@go.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/A99DF3C019E1EEE285257578006E7EA5?OpenDocument>. Refer to Sol# DE-PS36-09GO99024. (Grants.gov 3/13/09)

16) Energy Alliances in the Southeast

The Southeast Energy Efficiency Alliance requests proposals for Launching a Community Energy Alliance, for cities and counties in the Southeast to create and implement a community energy alliance. In addition to energy efficiency, the program aims to create jobs and reduce a community's carbon footprint. Cities and counties in the following states are eligible: AL, AR, FL, GA, KY, LA, MS, NC, SC, TN, and VA. Individual awards NTE \$500K. Notice of Intent to respond was due 3/6/09, though it is unclear in the RFP whether this was a requirement. Final proposals due 5/15/09. For more info, go to: <http://www.seealliance.org/>. (RFP Bulletin 3/13/09)

17) Renewables - Maryland

The University System of Maryland, the State of Maryland, and the Maryland Department of General Services seek 250 MW of eligible renewable and low carbon energy resources to promote clean energy development in MD and the greater mid-Atlantic region. Responses due 4/9/09. For more info, contact Joseph Vogel at jfvoegel@umd.edu or go to: <http://www.energy.state.md.us/news/bids/index.asp>. Refer to Sol# 83468-A. (Green Power Network 2/24/09)

18) Wind Energy - Utah

The U.S. Army seeks a contractor to design and construct wind-powered turbine generators with output of 1.5 MW. The generator(s) will be located on Tooele Army Depot property, Utah, and will be interconnected with the Tooele grid, which already buys power from the Rocky Mountain Power Company. Responses due 3/26/09. For more info, contact Cheryl Gannaway at cheryl.y.gannaway@usace.army.mil or go to: <https://www.fbo.gov/index?tab=documents&tabmode=form&subtab=core&tabid=238fda16f439705a1b3749c61dd579ce>. Refer to Sol# W91238-09-R-0019. (FBO 3/13/09)

19) PV – New Jersey

The Defense Energy Support Center seeks proposals for a 10 year Photovoltaic Solar Power Purchase Agreement for the U.S. Department of Energy at Princeton Plasma Physics Lab, NJ. Total estimated contract quantity is 20,000,000 kWh. Responses due 4/2/09. For more info, contact Brian Nuckols at Brian.Nuckols@dla.mil or go to: <https://www.fbo.gov/?s=opportunity&mode=form&id=5df73c8ac37d134cd1318262d4955bdf&tab=core&cvview=0>. Refer to Sol# RFP SP0600-09-R-0401. (FBO 2/20/09)

20) Assisted Housing – Energy Efficiency and Green Retrofit - ARRA

The U.S. Department of Housing and Urban Development announces its intent to request proposals for Assisted Housing Stability and Energy and Green Retrofit. This initiative will provide grants and loans to property owners receiving Section 202, Section 8, or Section 811 project-based assistance, to make energy and green retrofit investments in the property, to ensure the maintenance and preservation of the property, the continued operation and maintenance of energy efficiency technologies, and the timely expenditure of funds. \$250 million expected to be available. Program details, including application procedures, will be posted on or about 4/17/09. For more info, go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45922>.
(Grants.gov 3/10/09)

21) Residential Building and Solar Standards - California

The California Energy Commission requests proposals for Residential Building Energy Efficiency Standards for 2011. Through this RFQ, the CEC seeks architectural and engineering technical support for evaluating the cost-effectiveness of solar electric systems, and for the development of the 2011 updates to the Residential Building Energy Efficiency Standards. \$1.104 million expected to be available. Responses due 4/8/09. For more info, go to: <http://www.energy.ca.gov/contracts/efficiency.html>. Refer to RFQ #400-08-403.

22) Non-Residential Building and Solar Standards - California

The California Energy Commission requests proposals for Nonresidential Building Energy Efficiency Standards for 2011. Through this RFQ, the CEC seeks architectural and engineering technical support for evaluating the cost-effectiveness of solar electric systems, and for the development of the 2011 updates to the Nonresidential Building Energy Efficiency Standards. \$1.104 million expected to be available. For more info, go to: <http://www.energy.ca.gov/contracts/efficiency.html>. Refer to RFQ #400-08-404.

23) Industrial Energy Efficiency

The U.S. Department of Energy requests proposals for the Industrial Technologies Program Save Energy Now (SEN) Technical Assistance and Plant Assessment Program. SEN focuses on reducing industrial energy intensity by 25% in ten years while enhancing U.S. competitiveness. Through this initiative, DOE seeks projects in the following areas: 1) Technical assistance and plant assessment development and delivery, and 2) Enhanced project implementation support and technology deployment. \$50 million expected to be available, up to 3 awards anticipated. Responses due 4/2/09. For more info, contact Annie Elkins at ITP_SEN@go.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/E685B90D4F92B2E685257561006C52E3?OpenDocument>. Refer to Sol# DE-PS36-09GO99015. (Grants.gov 2/18/09)

24) Geothermal Component R&D

The U.S. Department of Energy requests proposals for Enhanced Geothermal Systems Component Research and Development/Analysis. Through this initiative, DOE seeks project to develop innovative technology for cost-effective creation, management, and utilization of Enhanced Geothermal Systems (EGS) in reservoir environments. \$35 million expected to be available, up to 30 awards anticipated. Responses due 4/30/09. For more info, contact Pete Simon at FY09EGSResearch@go.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/4EDA21A799697B508525756F0061D4FF?OpenDocument>. Refer to Sol# DE-PS36-09GO99018. (Grants.gov 3/4/09)

25) Enhanced Geothermal Systems Demonstration

The U.S. Department of Energy requests proposals for Enhanced Geothermal Systems Demonstration. Through this initiative, DOE seeks projects in a variety of geologic formations that will quantitatively demonstrate and validate stimulation techniques that successfully sustain sufficient fluid flow and heat extraction rates for 5-7 years that produce at least 5 MWe per year per project site/geothermal reservoir. \$49 million expected to be available, up to 10 awards anticipated. Responses due 5/14/09. For more info, contact Pete Simon at FY09EGSDemos@go.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/528FF32A5FE2358D8525756F0069DEC3?OpenDocument>. Refer to Sol# DE-PS36-09GO99019. (Grants.gov 3/4/09)

26) Solid Waste Management in Indian Country

The U.S. Environmental Protection Agency requests proposals for the Tribal Solid Waste Management Assistance Project. Through this initiative, EPA seeks projects from federally-recognized tribes and intertribal consortia in the following areas: 1) Characterization/assessment of open dumps; 2) Development of integrated solid waste management plans and tribal codes and regulations; 3) Solid waste management activities/facilities; and 4) Cleanup, closure, and post-closure programs for open dumps in Indian Country. \$1 million expected to be available, up to 10 awards anticipated. Responses due 4/20/09. For more info, contact Tonia Hawkins at hawkins.tonya@epa.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45827>. Refer to Sol# EPA-OSWER-ORCR-09-02. (Grants.gov 4/20/09)

27) Resource Conservation – Region 5

The U.S. Environmental Protection Agency, Region 5, requests proposals for the Resource Conservation Challenge Program. Through this initiative, EPA seeks projects that increase recycling of municipal solid waste, construction and demolition debris, and industrial materials. Project must take place in IL, IN, MI, MN, OH, or WI. \$120K expected to be available, up to 5 awards anticipated. Responses due 4/13/09. For more info, contact Susan Mooney at mooney.susan@epa.gov or go to: <http://www.epa.gov/region5/solidwaste/funding.htm>. Refer to Sol# EPA-R5-LCD-2009. (Grants.gov 2/24/09)

28) American Recovery Program - ARRA

The U.S. Department of Commerce, Economic Development Administration (EDA) requests proposals for the EDA American Recovery Program, for projects that advance economic growth by assisting communities and regions experiencing chronic high unemployment and low per capita income to create an environment that fosters innovation, promotes entrepreneurship, and attracts increased private capital investment. Priority consideration will be given to regions that have experienced sudden and severe economic dislocation and job loss due to corporate restructuring. Applicants may apply for the following programs: 1) Public Works and Economic Development Facilities Program, and 2) Economic Adjustment Assistance Program. Responses due 6/30/10. For more info, including Region-specific contacts, go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45786>. Refer to Sol# DA03102009RECOVERYACT. (Grants.gov 3/5/09)

29) Community Economic Development

The U.S. Department of Health and Human Services requests proposals for Community Economic Development (CED) Projects. CED supports Community Development Corporation efforts to assist community economic development activities designed to address the economic needs of low-income individuals and families through the creation of employment and business opportunities in low-income communities. CED focuses on industries that have viable short and long term job outlooks and present no obvious long term risks. One recommended strategy for sustaining growth is creating jobs in high growth sectors which include, but are not limited to, Recycling, Renewable or Alternative Energy, Transportation or Advanced Manufacturing. \$29.1 million expected to be available, up to 47 awards anticipated. Responses due 5/28/09. For more info, contact Rafael Elizalde at OCSGRANTS@acf.hhs.gov or go to: <http://www.acf.hhs.gov/grants/open/HHS-2009-ACF-OCS-EE-0034.html>. Refer to Sol# HHS-2009-ACF-OCS-EE-0034. (Grants.gov 3/9/08)

30) Rural Business Enterprise Grants - ARRA

The U.S. Department of Agriculture requests proposals for the Rural Business Enterprise Grant Program. RBEG supports the development of small and emerging rural businesses, provides financial assistance for rural distance learning networks, and funds adult education programs, particularly those projects providing job advancement or potential employment opportunities. \$20 million expected to be available, up to 300 awards anticipated. As of 3/14/09, the Grants.gov notice indicates that the closing date is 3/19/09, however, that appears to be a typo. Most likely it should read that the RFP will be posted on that date. For more info, contact Anthony Ashby at anthony.ashby@wdc.usda.gov or go to: <http://www.grants.gov/search/synopsis.do?sessionId=TxQ2J7Ff93FdbGvHNSpk2DDtDL8Wpk5DTJFgMJ4ZGQQHHLPGpWPB!1677821819>. Refer to Sol# 02-2009. (Grants.gov 3/11/09)

31) Pollution Prevention

The U.S. Environmental Protection Agency requests proposals for the Pollution Prevention Grant Program (P2). P2 supports projects that help businesses identify better environmental strategies and solutions for reducing or eliminating waste at the source. National focus areas include: Greenhouse gas reduction, toxic and hazardous materials reduction, and resource conservation. \$4.1 million expected to be available, individual awards NTE \$180K. Responses due 4/17/09. For more information, including Region-specific priorities and contacts, go to: <http://www.epa.gov/p2/pubs/grants/ppis/2009rfpp2grant.html>. Refer to Sol# EPA-HQ-OPPT-09-01. (Grants.gov 3/12/09)

32) Environmental Symposiums

The U.S. Environmental Protection Agency requests proposals for Partnerships to Promote Innovation in Environmental Practice. This initiative will support institutions interested in organizing two symposia over four years to promote sharing and transfer of innovative environmental protection approaches among States, EPA, and other primarily governmental representatives. \$750K expected to be available, 1 award anticipated. Responses due 4/22/09. For more info, contact Scott Fontenot at fontenot.scott@epa.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45673>. Refer to Sol# EPA-OPEI-NCEI-09-02. (Grants.gov 3/4/09)

33) Environmental Justice

The U.S. Environmental Protection Agency requests proposals for the State Environmental Justice Cooperative Agreements (SEJCA) Program. SEJCA supports entities that work collaboratively with communities to provide meaningful and measurable improvements to the public health and/or environment. Grant funds may support efforts to mitigate environmental justice concerns in the affected community. \$800K expected to be available, up to 5 awards anticipated. Responses due 4/10/09. For more info, including state specific contacts, go to: <http://www.epa.gov/compliance/environmentaljustice/grants/index.html>. Refer to Sol# EPA-OECA-OEJ-09-01. (Grants.gov 2/13/09)

34) Public Health Grants – ARRA

The National Institute of Health requests proposals for the Challenge Grant Program, for novel research in areas that address specific knowledge gaps, scientific opportunities, new technologies, data generation, or research methods that would benefit from an influx of funds to quickly advance the area in significant ways. \$200 million expected to be available, up to 200 awards anticipated. Responses due 4/27/09. For more info, go to:

http://grants.nih.gov/grants/funding/challenge_award/Omnibus.pdf. Refer to Sol# RFA-OD-09-003. Through this RFP, NIH has expressed interest in a wide range of topics (http://grants.nih.gov/grants/funding/challenge_award/Omnibus.pdf) which includes, but is not limited to:

- 1) Environmental Justice and Public Health: Contact Caroline Dilworth at dilworthc@niehs.nih.gov. Refer to 09-ES-102.
- 2) Models to Predict Health Effects of Climate Change: Contact Joshua Rosenthal at joshua_rosenthal@nih.gov. Refer to 15-TW-101 or 15-HD-105.
- 3) Environmental and Child Health - Exposure to Cooking Emissions: Contact Linda Wright at wrightl@mail.nih.gov. Refer to 15-HD-106.
- 4) Building Trust Between Researchers and Communities Through Capacity Building in Environmental Public Health: Contact Liam O’Fallon at Ofallon@niehs.nih.gov. Refer to 09-ES-101. (Grants.gov 3/4/09)

35) Brownfields Job Training Grants - ARRA

The U.S. Environmental Protection Agency announces its intent to request proposals for American Recovery and Reinvestment Act Brownfields Job Training Grants, for environmental job training projects that will promote job creation and economic development by facilitating the assessment, remediation, or preparation of brownfields sites. \$5 million expected to be available, up to 10 awards anticipated. The RFP will be posted on or about 3/19/09. For more info, contact Christine Lombard at (617) 918-1305 or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45831>. Refer to Sol# EPA-ARRA--OSWER-OBLR-JT. (Grants.gov 3/6/09)

36) IAQ – Region 10

The U.S. Environmental Protection Agency, Region 10, requests proposals for Indoor Air Quality Projects. Areas of interest include: Assistance on adoptions of EPA’s IAQ Tools for Schools program; indoor asthma triggers education and exposure reduction; Environmental Tobacco Smoke (ETS) education and exposure reduction; and general IAQ training, education, and outreach for homes and/or commercial buildings. Projects must take place in AK, ID, OR or WA. \$105K expected to be available, up to 4 awards anticipated. Responses due 4/17/09. For more info, contact Davis Zhen at zhen.davis@epa.gov or go to:

<http://yosemite.epa.gov/R10/airpage.nsf/Indoor+Air/IAQ+RFP/>. Refer to Sol# EPA-R10-IAQ-01-09. (Grants.gov 3/10/09)

37) IAQ – Region 7

The U.S. Environmental Protection Agency, Region 7, requests proposals for Indoor Air Quality Projects. Areas of interest include: Assistance on the adoption of EPA's IAQ Tools for Schools program, and indoor asthma triggers and exposure education. Projects must take place in IA, KS, MO or NE. \$140K expected to be available, individual awards NTE \$60K. Responses due 5/5/09. For more info, contact Robert Dye at dye.robert@epa.gov or go to:

http://www.epa.gov/region07/economics/r7_grant_opportunities.htm. Refer to Sol# EPA-R7AWMD-09-002. (Grants.gov 3/11/09)

38) Western and Territorial Water Marketing and Efficiency Grants - ARRA

The U.S. Bureau of Reclamation, Denver Office, announces its intent to request proposals for Challenge Grants: Water Marketing and Efficiency Grants for the American Recovery Reinvestment Act of 2009. This initiative will support projects that bank water, market water, conserve water, or generally make more efficient use of existing water supplies. Projects must take place in AZ, CA, CO, ID, KS, MT, NE, NV, NM, ND, OK, OR, SD, TX, UT, WA, WY, AS, GU, CNMI, or the VI. As of 3/14/09, the anticipated RFP release date or funding amounts had not been posted. Proposals due 5/19/09. For more info, contact Stephanie Bartlett at sbartlett@usbr.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45930>. Refer to Sol# 09SF811499. (Grants.gov 3/10/09)

39) Water & Wastewater Revolving Loan Fund

The U.S. Department of Agriculture requests proposals for the Revolving Fund Grant Program, to assist communities with water or wastewater systems. Through this program, organizations set up a revolving loan fund to provide loans to finance predevelopment costs of water or wastewater projects, or short-term small capital projects not part of the regular operation and maintenance of current water and wastewater systems. \$496K expected to be available, 1 award anticipated. Responses due 5/31/09. For more info, contact Anita O'Brien at

anita.obrien@wdc.usda.gov or go to: <http://www.usda.gov/rus/water/revolving-fund.htm>. Refer to Sol# RDUP-RFP-0209. (Grants.gov 2/26/09)

40) Tribal Border Water and Wastewater Projects – Regions 6 and 9

The U.S. Environmental Protection Agency, Regions 6 and 9, request proposals for the Tribal Border Infrastructure Program. This program funds high priority wastewater and drinking water infrastructure projects in Indian Country within 62 miles of the U.S./Mexico Border. \$1 million expected to be available, up to 4 awards anticipated. Responses due 4/10/09. For more info, contact Loretta Vanegas at vanegas.loretta@epa.gov or go to:

<http://www.epa.gov/region09/funding/tribal-border-infrastructure-2009.html>. Refer to Sol# EPA-R9-WTR1-09-005. (Grants.gov 3/6/09)

41) Enhancing Agroecosystems

The U. S. Department of Agriculture and the U.S. Environmental Protection Agency request proposals for Enhancing Ecosystem Services From Agricultural Lands: Management, Quantification, and Developing Decision Support Tools. Agroecosystems of interest are those that are at high risk of losing existing ecosystem services due to land use conversion or change and environmental impacts. Projects must address agroecosystems subject to the specific environmental stressors (climate change; water availability; reactive nitrogen; pests, weeds and invasive species; soil and land degradation) and could include those that are at or appear to be past the 'tipping point.' \$4.5 million expected to be available, up to 9 awards anticipated. Responses due 5/26/09. For more info, contact Anne Sergeant at sergeant.anne@epa.gov or go to: http://es.epa.gov/ncer/rfa/2009/2009_star_ecosystem_services.html. Refer to Sol# EPA-G2008-STAR-K1. (Grants.gov 2/26/09)

42) Quantifying Soil Carbon Sequestration

The U.S. Environmental Protection Agency requests proposals for Quantifying Soil Carbon Sequestration Potential Through Improved Pasture Management, for a demonstration study to quantify changes in soil organic carbon resulting from improved pasture management practices. \$150K expected to be available, 1 awards anticipated. Responses due 4/20/09. For more info, contact Tom Wirth at Wirth.Tom@epa.gov or go to: http://www.epa.gov/air/grants_funding.html. Refer to Sol# EPA-OAR-CCD-09-07. (Grants.gov 3/6/09)

43) Conservation Innovation Program – Idaho, New Jersey and Missouri

The U.S. Department of Agriculture requests proposals for the Conservation Innovation Program in ID, NJ and MO. CIG seeks to stimulate innovative conservation approaches and technologies, in conjunction with agricultural production. Areas of interest vary by state but may include transitioning to organic production, farm energy conservation, or carbon sequestration in soil.

1) ID: \$250K expected to be available, up to 15 awards anticipated. Responses due 4/24/09.

For more info, contact Bob Bartholomew at Bob.Bartholomew@id.usda.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45941>. Refer to Sol# USDA-NRCS-ID-09-05. (Grants.gov 3/11/09)

2) NJ: \$212K expected to be available, up to 4 awards anticipated. Responses due 5/15/09. For more info, contact Lenora Jordan at lenora.jordan@nj.usda.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45982>. Refer to Sol# USDA-NRCS-NJ-CIG-09-001. (Grants.gov 3/12/09)

3) MO: \$750K expected to be available, up to 15 awards anticipated. Responses due 4/17/09.

For more info, contact Robert Ball at bob.ball@mo.usda.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45937>. Refer to Sol# USDA-NRCS-MO-09-01. (Grants.gov 3/11/09)

44) Canola Research

The U.S. Department of Agriculture requests proposals for the Supplemental and Alternative Crops Competitive Grants Program. The FY09 SACC will focus on the development of canola as a viable supplemental and alternative crop in the U.S. Canola research is sought in areas including but not limited to, biofuels and industrial applications. \$780K expected to be available, up to 5 awards anticipated. Responses due 4/23/09. For more info, contact James Parochetti at jparochetti@csrees.usda.gov or go to: http://www.csrees.usda.gov/funding/rfas/alt_crops.html. Refer to Sol# USDA-CSREES-OP-002117. (Grants.gov 3/13/09)

45) Biomass & Kerosene

The U.S. Department of the Army request proposals for projects that would develop and demonstrate a fully integrated waste-to-fuel conversion system that converts biomass waste products into a synthetic iso-paraffinic kerosene using the Fischer-Tropsch conversion process that meets the current military fuel specifications. Responses due 5/7/09. For more info, contact Laura Holley at laura.holley@us.army.mil or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=c6a1e194dbab41c6e73b3e1351fcfb31&tab=core&_cview=0. Refer to Sol# W56HZV-05-R-BAA1-TOPIC17. (FBO 3/8/09)

46) Office of Science

The U.S. Department of Energy, Office of Science, announces its continuing interest in receiving proposals in areas including, but not limited to: Basic energy sciences, biological and environmental research, and workforce development for teachers and scientists. Proposals accepted through XXXXX. For more info, contact Marilyn Oyler at marilyn.oyler@science.doe.gov or go to <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=45760>. Refer to Sol# DE-PS02-09ER09-02. (Grants.gov 3/10/09)

47) Basic and Applied Scientific Research

U.S. Army Research Office has issued a Broad Agency Announcement for Basic and Applied Scientific Research in areas including, but not limited to: Mechanical ,environmental and materials sciences, physics, and chemistry. Proposals accepted through 9/30/11. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=41952>. Refer to Sol# W911NF-07-R-0003-03. (Grants.gov 2/23/09)

48) SBIR - EPA

The U.S. Environmental Protection Agency announces its intent to request proposals for the Small Business Innovative Research (SBIR) Program Phase I. SBIR seeks to stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal R&D needs. Topic areas of interest include: Green Building Materials and Systems; Innovation in Manufacturing; Nanotechnology; Greenhouse Gases; Drinking Water and Water Monitoring; Water Infrastructure; Air Pollution; Biofuels and Vehicle Emissions Reduction; Waste Management; and Homeland Security. 25 contract awards anticipated. The RFP is expected to open 3/19/09 and close on 5/14/09. For more info, contact Stacey Passwaters at passwaters.stacey@epa.gov or go to: <https://www.fbo.gov/index?s=opportunity&mode=form&id=db30497da39e4d615e3fcd373cdcbdc&tab=core&cvview=0&cck=1&au=&ck=>. Refer to Sol# PR-NC-09-10319. (FBO 2/28/09)

49) SBIR - NSF

The National Science Foundation requests proposals for the Small Business Innovation Research (SBIR) Program. SBIR seeks to stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal R&D needs. NSF will support high quality projects on important scientific, engineering, or science and engineering education problems and opportunities that could lead to significant commercial and public benefit if the research is successful. Areas of interest include, but are not limited to: Advanced Materials, and Manufacturing, and Biotech and Chemical Technologies. \$30 million expected to be available, up to 225 awards anticipated. Responses due 6/9/09. For more info, go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf09541. Refer to Sol# 09-541. (Grants.gov 3/4/09)

50) Research and Commercialization

The Ewing Marion Kauffman Foundation requests proposals for its new Entrepreneur Postdoctoral Fellowship Program, which will provide training to postdoctoral researchers on how to commercialize their technology innovations into start-up businesses. A salary stipend and other benefits for a one year period will be provided. 12 awards anticipate. Responses due 5/1/09. For more info, go to: <http://www.kauffman.org/entrepreneurship/entrepreneur-postdoctoral-fellows-program.aspx>. (RFP Bulletin 3/6/09)

51) Batteries

The U.S. Department of the Army requests proposals for projects that would research and demonstrate new manufacturing processes to optimize, automate and provide precise control of battery quality consistency for high energy and high power advanced batteries. The secondary objectives is to develop and demonstrate advanced rechargeable battery technology. Responses due 5/7/09. For more info, contact Helen Smith at (586) 574-8071 or go to: <https://www.fbo.gov/?s=opportunity&mode=form&id=65cfc9d73ee3305283593de67ac2f251&tab=core&cvview=0>. Refer to Sol# W56HZV-05-R-BAA1-TOPIC18. (FBO 3/8/09)

52) Environmental Engineering

The National Science Foundation requests proposals for the Environmental Engineering Program. This program supports research and educational activities, with the goal of applying engineering principles to understand and reduce adverse effects of solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human activity and that impair the ecological and economic value of those resources. Average individual awards \$100K. Responses due 9/15/09. For more info, contact Clark Liu at ccliu@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501029. Refer to Sol# PD 09-1440. (Grants.gov 3/9/09)

53) Energy for Sustainability

The National Science Foundation requests proposals for the Energy for Sustainability Program. This program supports research and education in energy production, conversion, and storage, and is focused on energy sources that are environmentally friendly and renewable, including solar, wind and biomass. Average individual awards \$100K. Responses due 9/15/09. For more info, contact Trung Nguyen at tnguyen@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501026. Refer to Sol# PD-09-7644. (Grants.gov 3/6/09)

54) Environmental Sustainability

The National Science Foundation requests proposals for the Environmental Sustainability Program. This program supports research with the goal of promoting sustainable engineered systems that support human well-being and natural systems. General areas of research include: Industrial Ecology, Green Engineering, Ecological Engineering, and Earth Systems Engineering. Average individual awards \$100K. Responses due 9/15/09. For more info, contact Bruce Hamilton at bhamilto@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027. Refer to Sol# PD-09-7643. (Grants.gov 3/21/08)

55) Biotechnology, Biochemical, and Biomass Engineering

The National Science Foundation requests proposals for Biotechnology, Biochemical, and Biomass Engineering. This program supports research that advances the fundamental knowledge base of cellular and biomolecular processes, and eventually to the development of generic enabling technology and practical application. Average individual awards \$120K. Responses due 9/15/09. For more info, contact Frederick Heineken at fheineke@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501024. Refer to Sol# PD-09-1491. (Grants.gov 3/9/09)

56) Partnerships for Innovation

The National Science Foundation requests proposals for the Partnerships for Innovation Program. This program seeks to stimulate the transformation of knowledge into innovations that create new wealth; build strong local, regional and national economies; and improve the national well-being; broaden participation in activities to meet the diverse workforce needs; and catalyze or enhance enabling infrastructure that is necessary to foster and sustain innovation in the long-term. \$9.5 million expected to be available, up to 15 awards anticipated. Letters of Intent due 10/31/09, final proposals due 12/31/09. For more info, contact Sara Nerlove at snerlove@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08583. Refer to Sol# 08-583. (Grants.gov 3/4/09)

57) Thermal Transport Processes

The National Science Foundation requests proposals for the Thermal Transport Processes Program, for engineering research aimed at gaining a basic understanding of the microscopic and macroscopic levels of thermal transport phenomena (heat and mass transfer) underlying energy conversion and conservation, the synthesis and processing of materials, cooling and heating of infrastructure and equipment, and more. An active understanding of thermal transport in energy conversion and conservation processes is vital to reduce the nation's dependence on petroleum. Awards NTE \$100K. Responses due 9/15/09. For more info, contact Theodore Bergman at tbergman@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13367. Refer to Sol# PD-09-1406. (Grants.gov 3/9/09)

58) Advanced Technological Education

The National Science Foundation requests proposals for Advanced Technological Education. ATE primarily focuses on the education at two year colleges of technicians for the high-technology fields that drive our nation's economy. The program involves partnerships between academic institutions and employers. Fields of technology supported include, but are not limited to, agricultural, environmental, manufacturing and engineering technology, and biotechnology. \$46 million expected to be available, up to 75 awards anticipated. Pre-proposals due 4/23/09, final proposals due 10/15/09. For more info, contact Eileen Lewis at ellewis@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07530. Refer to Sol# 07-530. (Grants.gov 3/3/09)

59) Climate Research

The National Science Foundation requests proposals for Climate and Large-Scale Dynamics. Research topics include theoretical, observational and modeling studies in areas including, but not limited to: Processes that govern climate; the causes of climate variability and change; and methods to predict climate variations. Proposals accepted on a continual basis. For more info, contact Jay Fein at jfein@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11699. (Grants.gov 3/3/09)

60) Teens for Planet Earth

The Wildlife Conservation Society requests proposals for Teens for Planet Earth. This program recognizes teenagers around the world for service-learning projects that demonstrate their commitment to the environment. Up to \$1K per gold medal project. Responses due 4/15/09. For more info, go to: <http://teens4planetearth.com/serviceawards>. (RFP Bulletin 3/13/09)